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FIG. 1

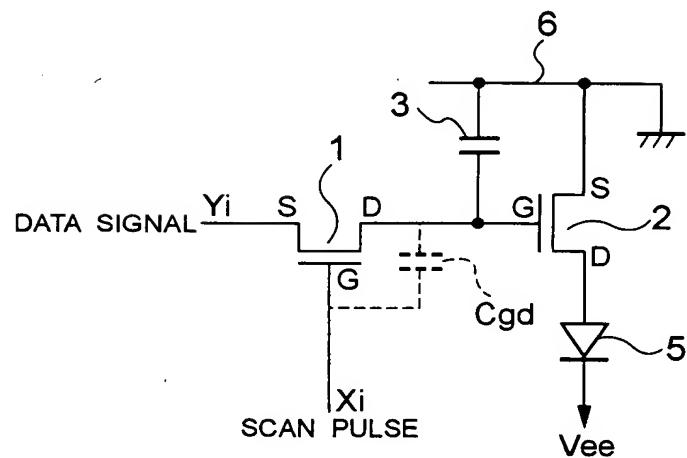
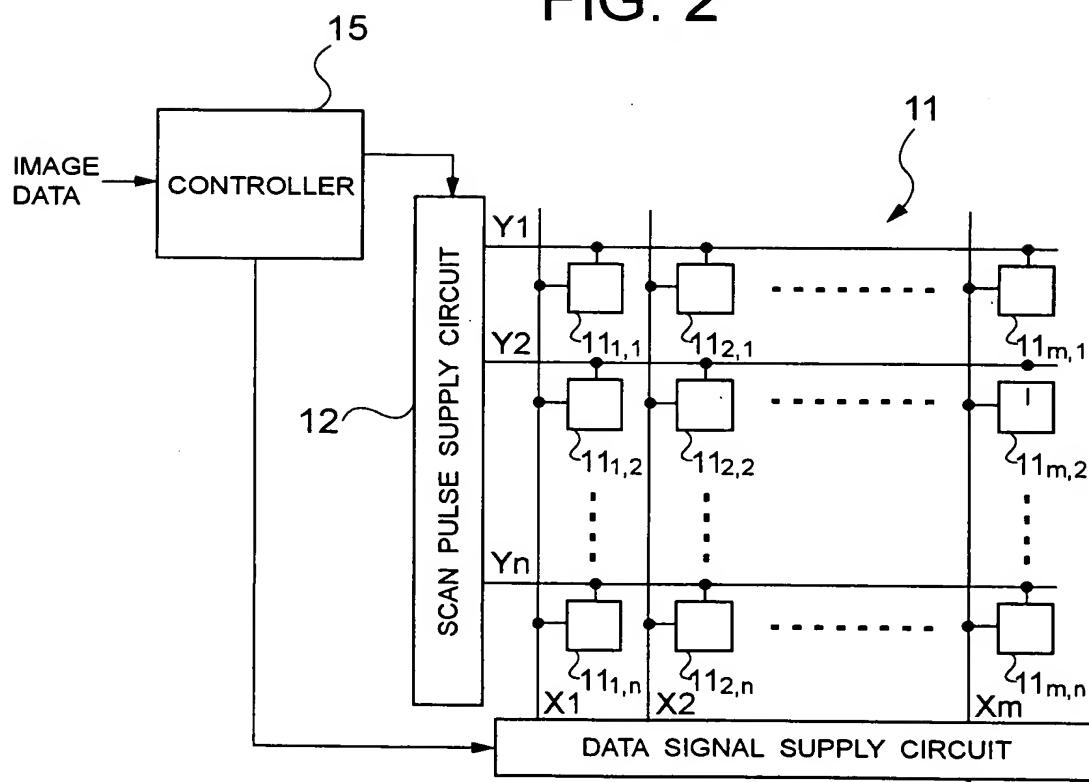


FIG. 2



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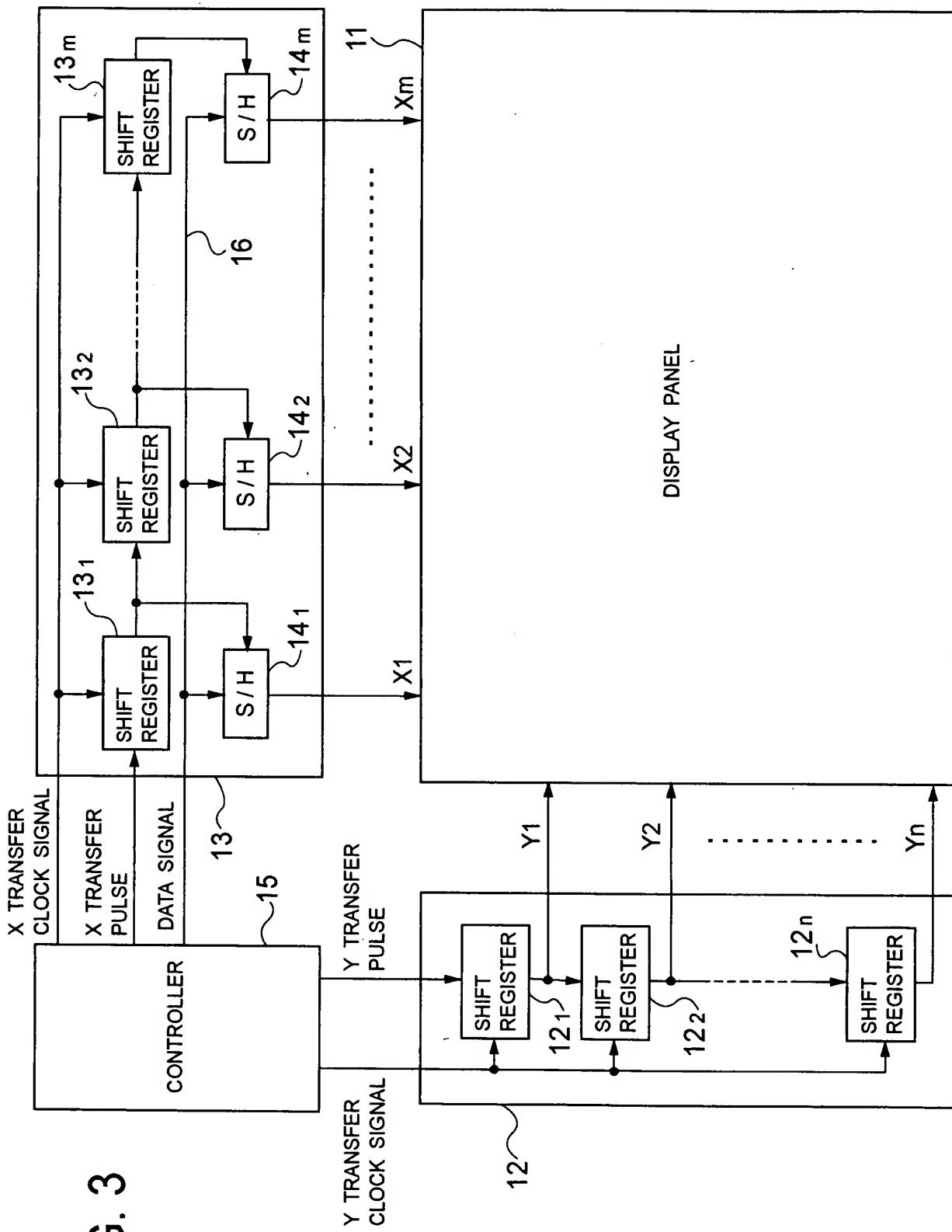


FIG. 3

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FIG. 4

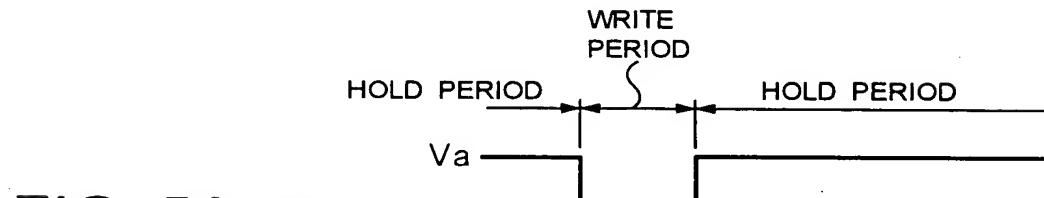
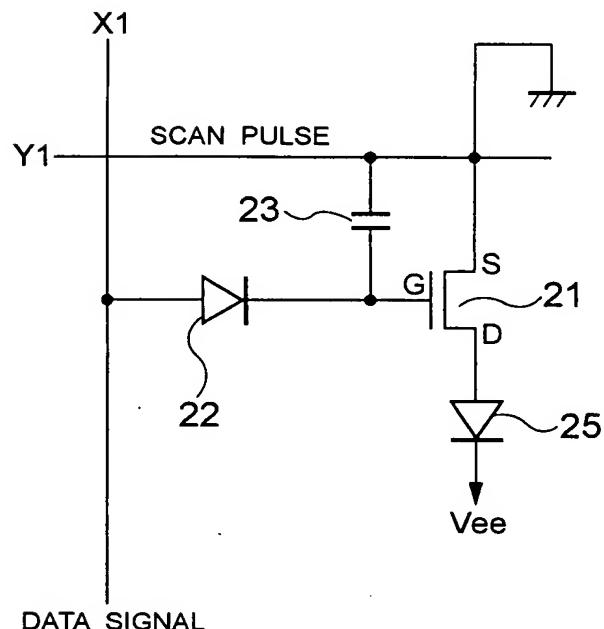


FIG. 5A SCAN PULSE

FIG. 5B DATA SIGNAL

FIG. 5C POTENTIAL V_g

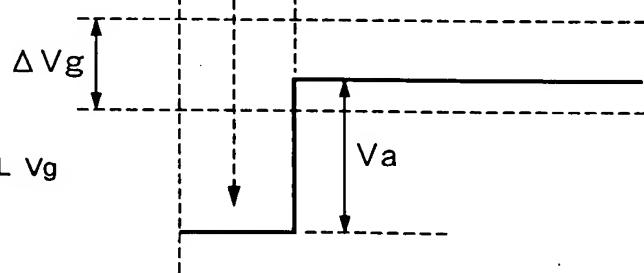


FIG. 6

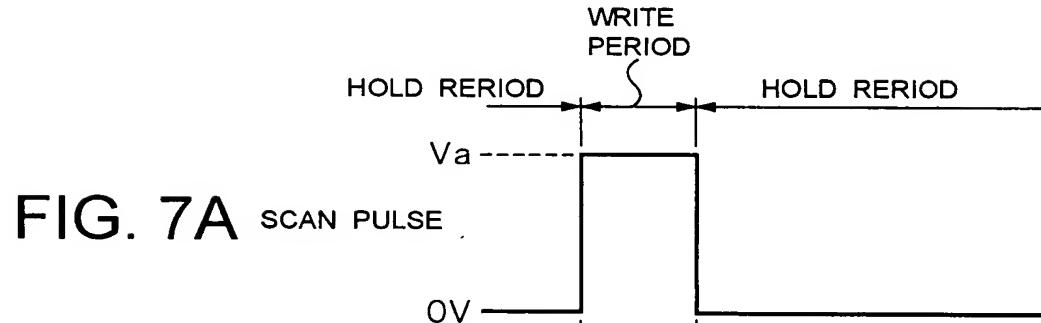
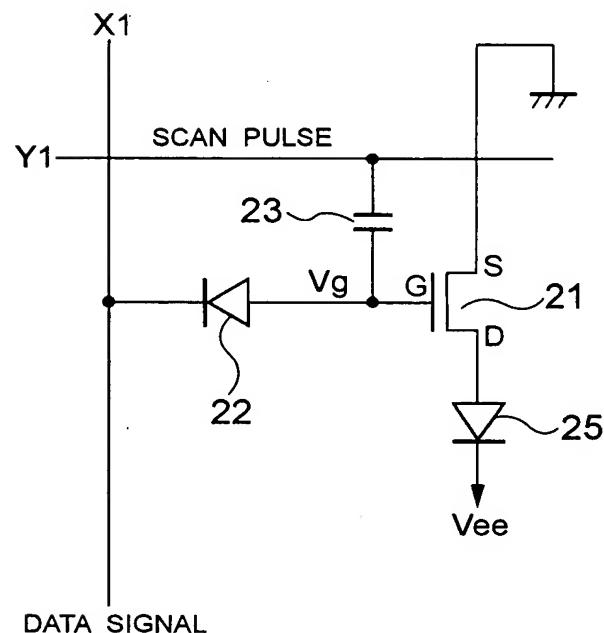


FIG. 7A SCAN PULSE

FIG. 7B DATA SIGNAL

FIG. 7C POTENTIAL V_g

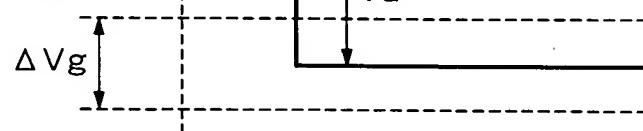
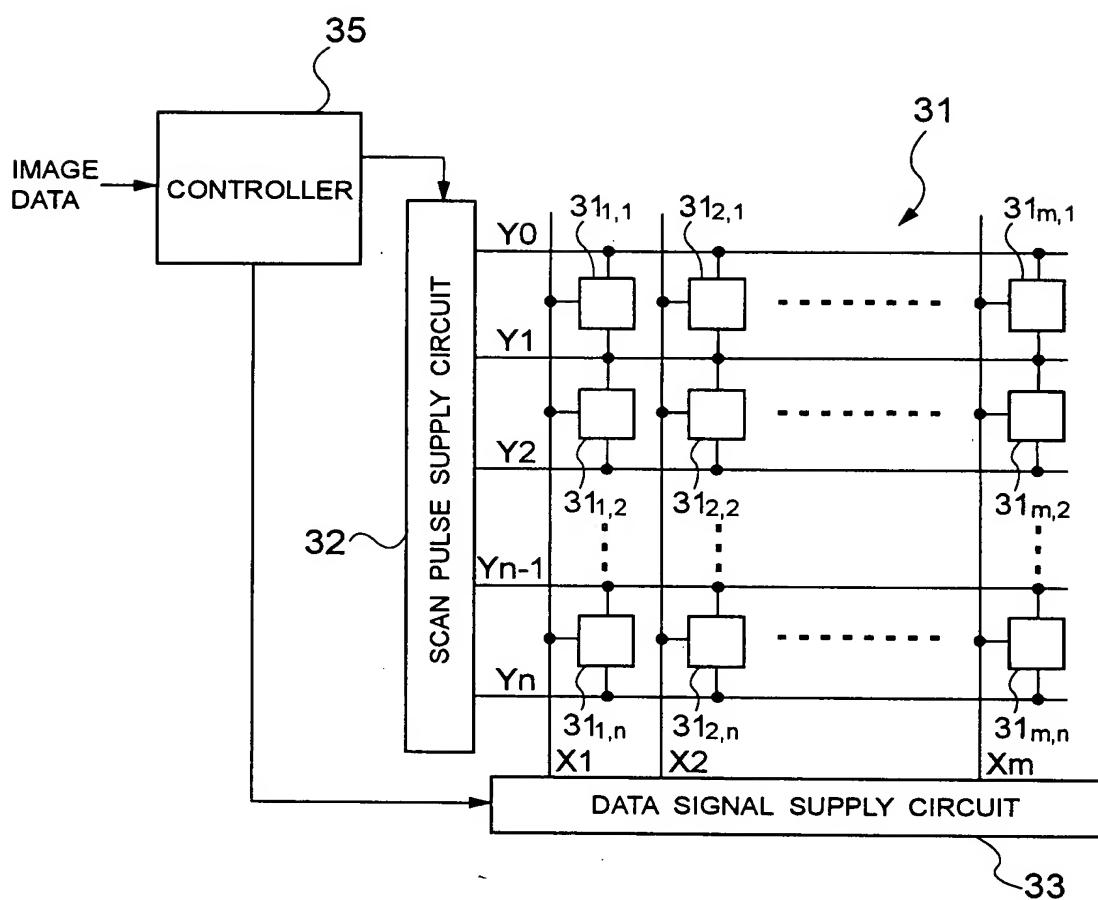


FIG. 8



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FIG. 9

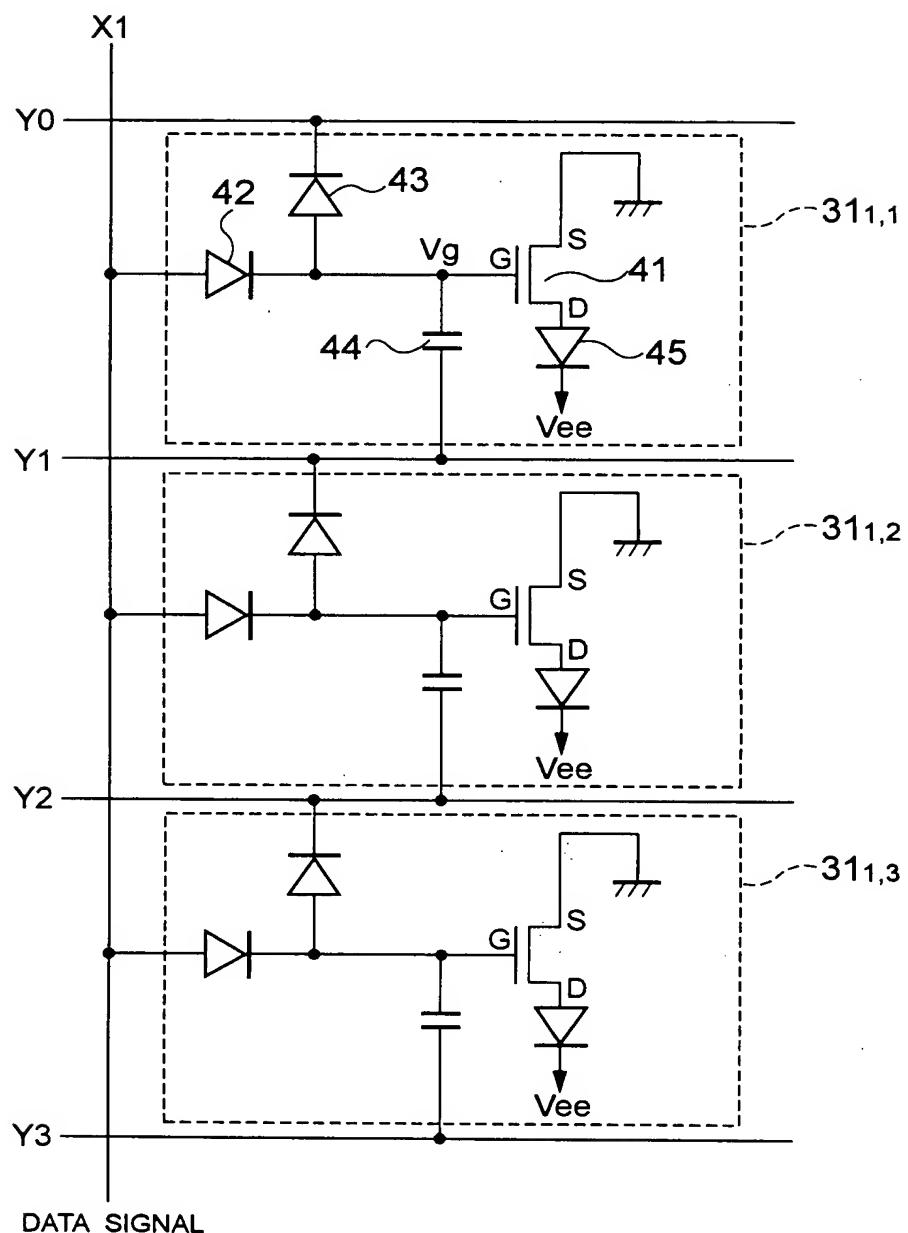


FIG. 10A

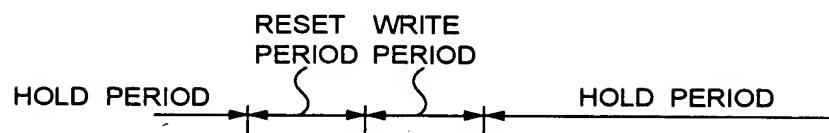


FIG. 10B

SCAN PULSE OF Y0



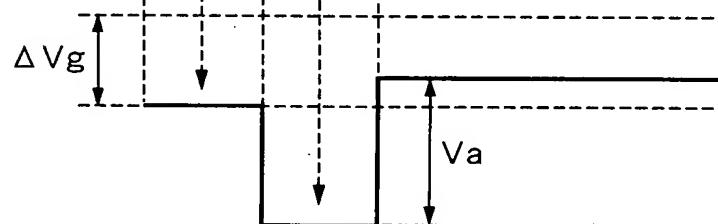
FIG. 10C

DATA SIGNAL



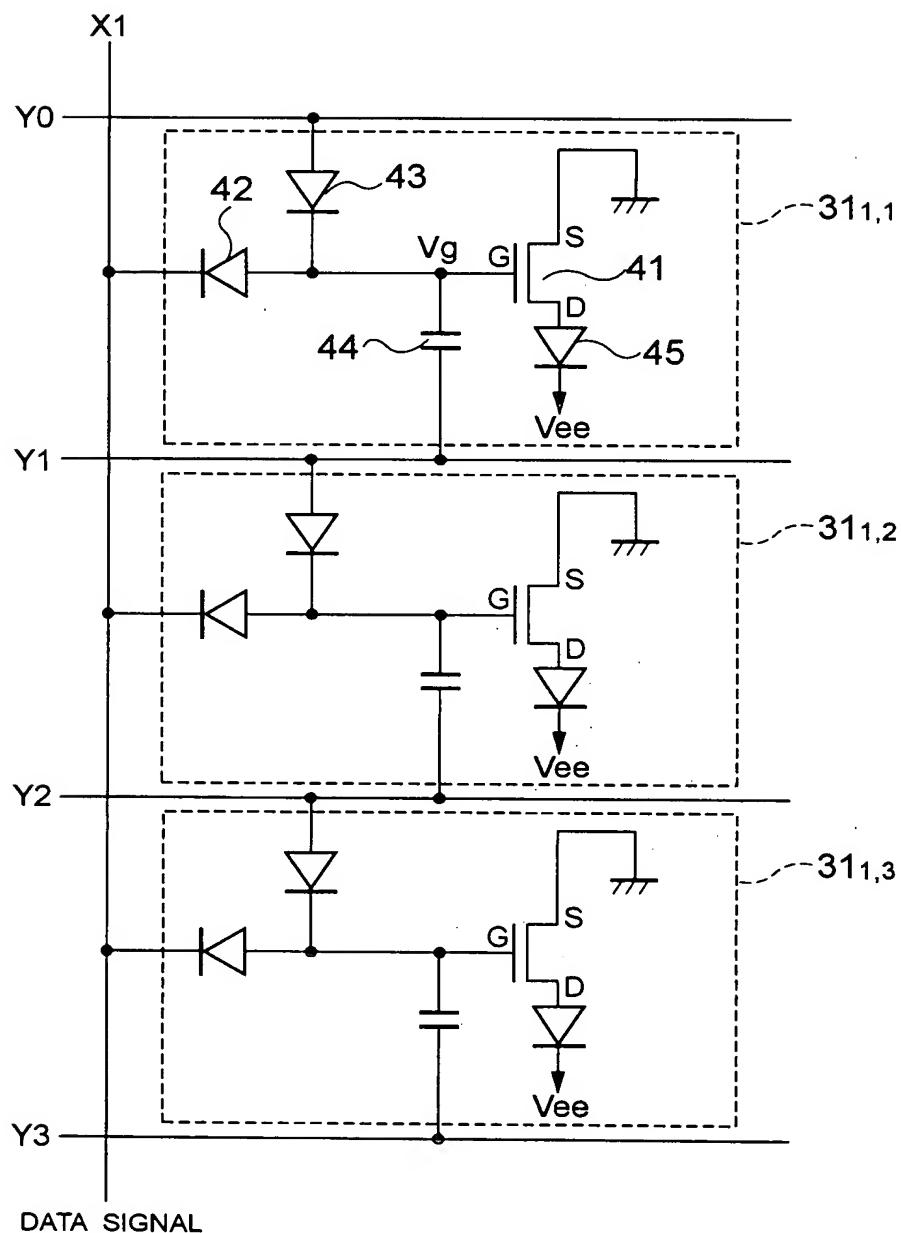
FIG. 10D

POTENTIAL Vg



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FIG. 11



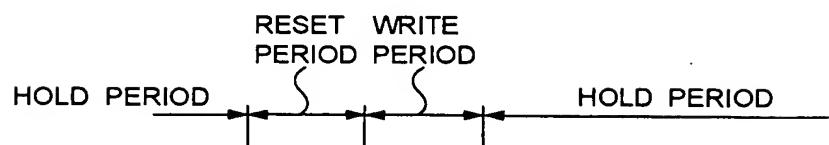


FIG. 12A

SCAN PULSE OF Y0

0V

FIG. 12B

SCAN PULSE OF Y1

0V

FIG. 12C

DATA SIGNAL

POTENTIAL V_g

ΔV_g

V_a

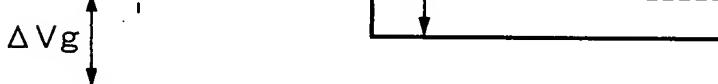


FIG. 12D

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FIG. 13

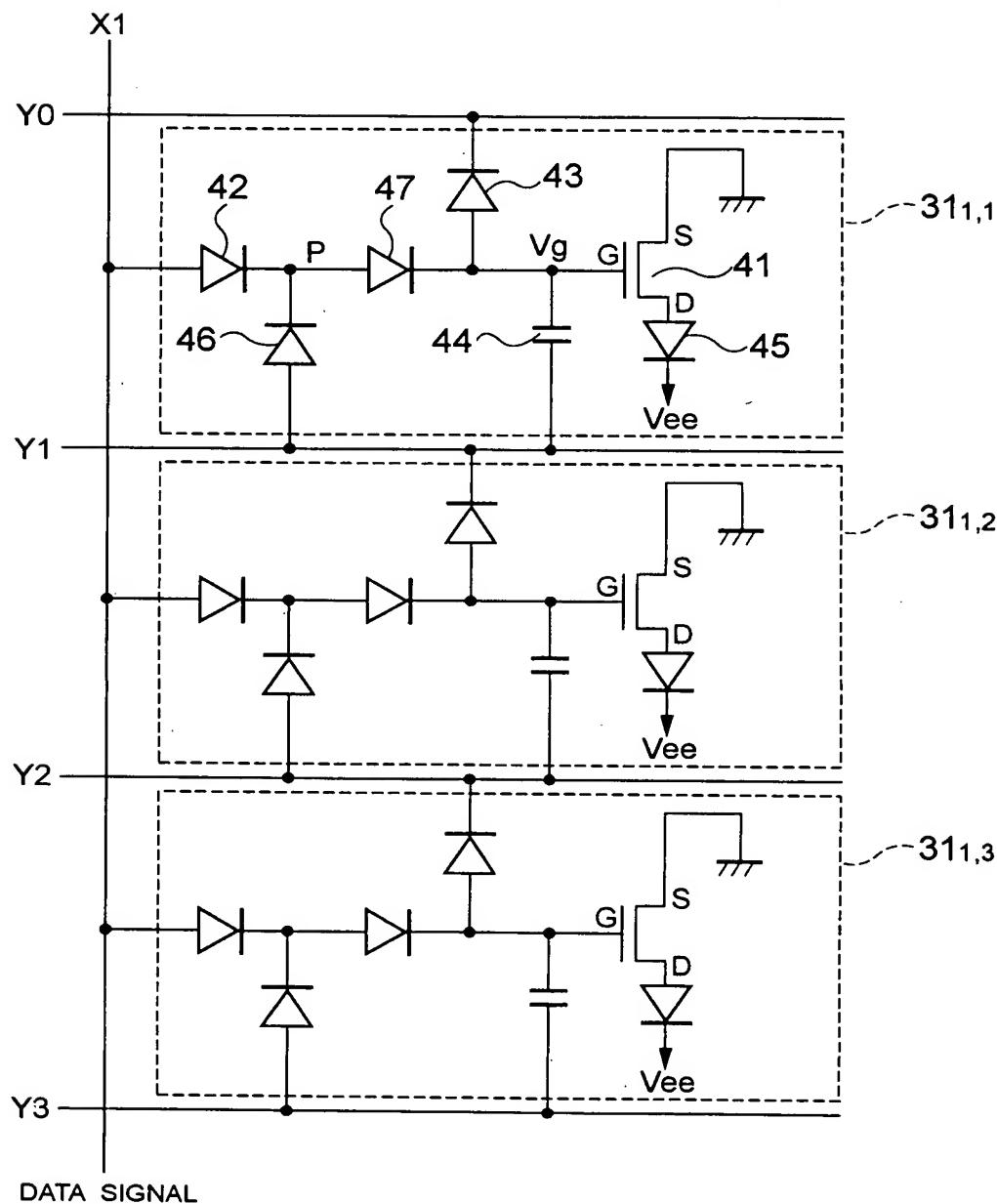


FIG. 14A

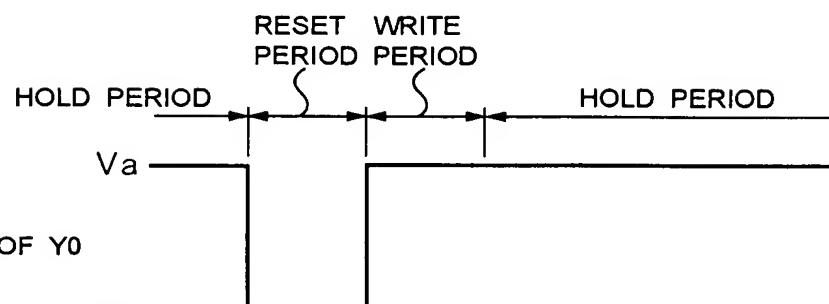


FIG. 14B

SCAN PULSE OF Y1

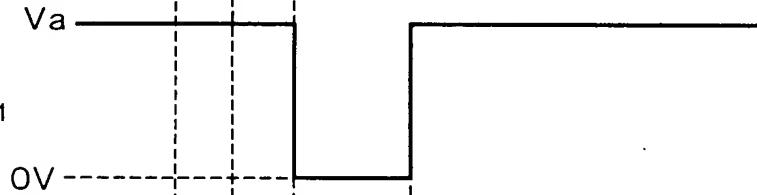


FIG. 14C

DATA SIGNAL

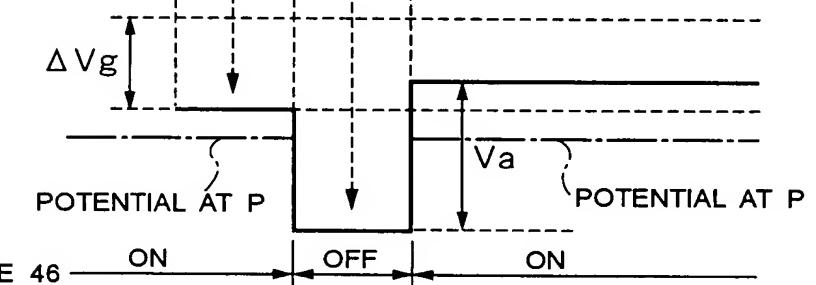
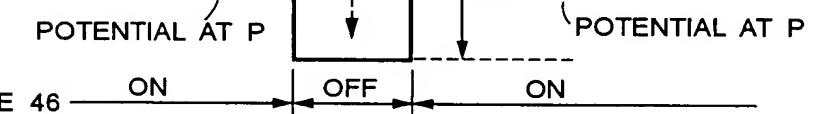


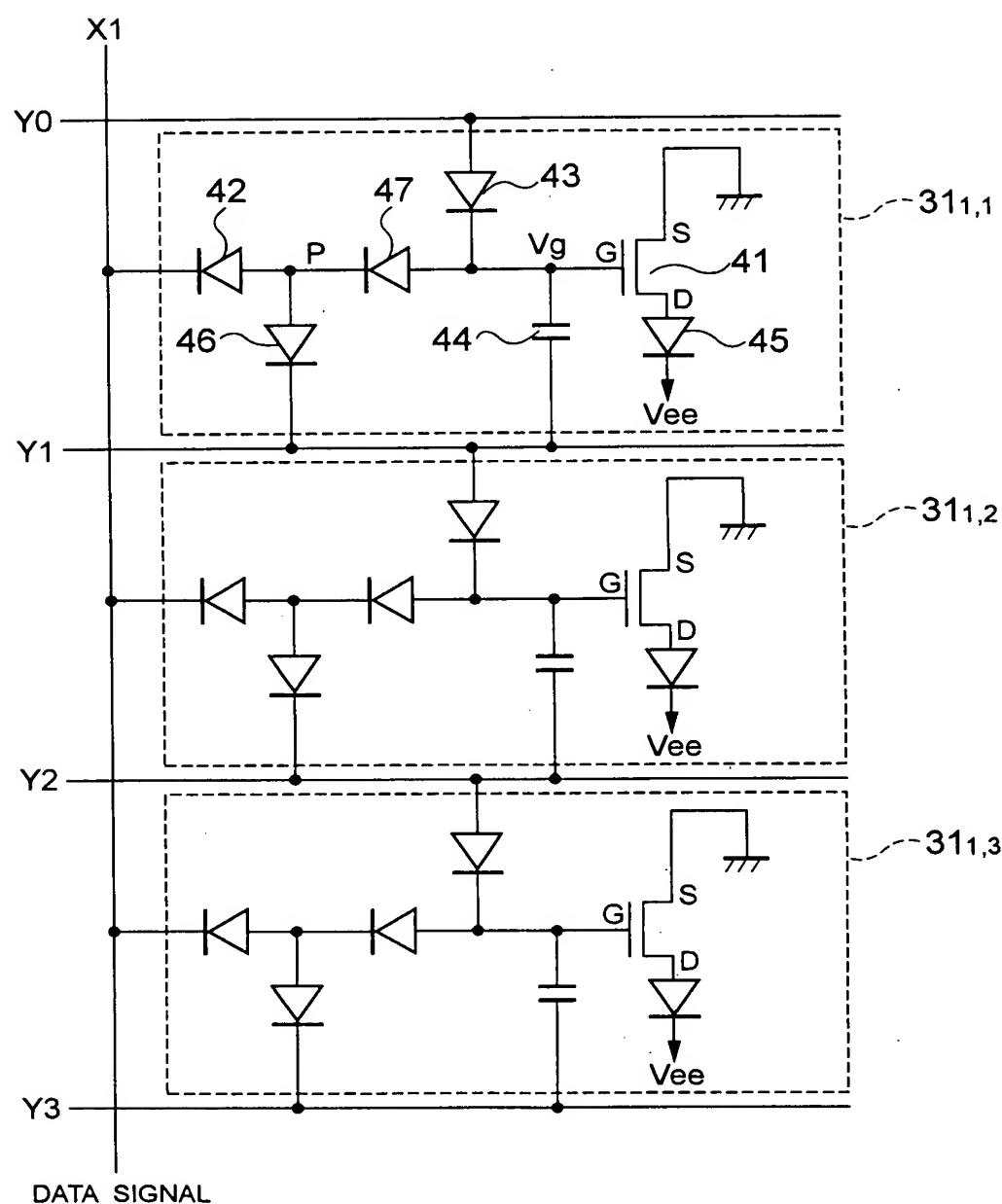
FIG. 14D

POTENTIAL Vg



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FIG. 15



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